

Product datasheet for **RC209289L4V**

CREB5 (NM_001011666) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | CREB5 (NM_001011666) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | CREB5 |
| Synonyms: | CRE-BPA; CREB-5; CREBPA |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_001011666 |
| ORF Size: | 1107 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC209289). |
| OTI Disclaimer: | The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info |
| OTI Annotation: | This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene. |
| RefSeq: | NM_001011666.1 |
| RefSeq Size: | 7772 bp |
| RefSeq ORF: | 1110 bp |
| Locus ID: | 9586 |
| UniProt ID: | Q02930 |
| Cytogenetics: | 7p15.1 |
| Protein Families: | Transcription Factors |
| Protein Pathways: | Huntington's disease, Prostate cancer |



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MW: 41.2 kDa

Gene Summary: The product of this gene belongs to the CRE (cAMP response element)-binding protein family. Members of this family contain zinc-finger and bZIP DNA-binding domains. The encoded protein specifically binds to CRE as a homodimer or a heterodimer with c-Jun or CRE-BP1, and functions as a CRE-dependent trans-activator. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]